# Review of OpensTimestamps project

## How it works?

A timestamp proves that some data existed prior to some point in time. OpenTimestamps defines a set of operations for creating provable timestamps and later independently verifying them. At the time of writing timestamping on the Bitcoin blockchain is supported, the format is flexible enough to support a variety of methods.

With the help of the OpenTimestamps project anyone can timestamp a document without paying any transaction fees and without registration.

## Should we integrate with our project?

In Hyperledger Composer, Events and transactions are defined by an eventId or transactionId and a timestamp. This means that in our project, the exact time when a degree, experience certificate and skill was recorded can be found using the timestamp on the event or the transaction that records them. As the functionality of the OpenTimestamps project is already done by the composer, there is no need to integrate with our project.

## References

<https://opentimestamps.org/>

<https://hyperledger.github.io/composer/reference/cto_language.html>